



NTN-SNR BEARING RULMENTI S.R.L.

180 mm x 250 mm x 52 mm NTN 23936EMD1
Double row spherical roller bearings

Bearing No. 23936EMD1

d	180 mm
D	250 mm
B	52 mm
rs min	2 mm
Number of lubrication holes	4
b	9 mm
k	5 mm
e	0.17
Y1	3.9
Y2	5.81
Y0	3.81
Radial clearance class	CN
Dynamic load, C	573 kN
Static load, C0	869 kN
Fatigue limit load, Cu	81.4 kN
Nref	1,900 rpm
Nlim	2,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	160 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.45 Hz
Characteristic outer ring frequency, BPF0	15.19 Hz

23936EMD1 Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPFI	17.81 Hz
da min	188.8 mm
Da max	241.2 mm
ra max	2 mm